

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
 Data File : BF085912.D
 Acq On : 31 Mar 2016 5:21
 Operator : UM/SJ
 Sample : H2012-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 032416-P2EB-F-D-B

Quant Time: Mar 31 04:46:07 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

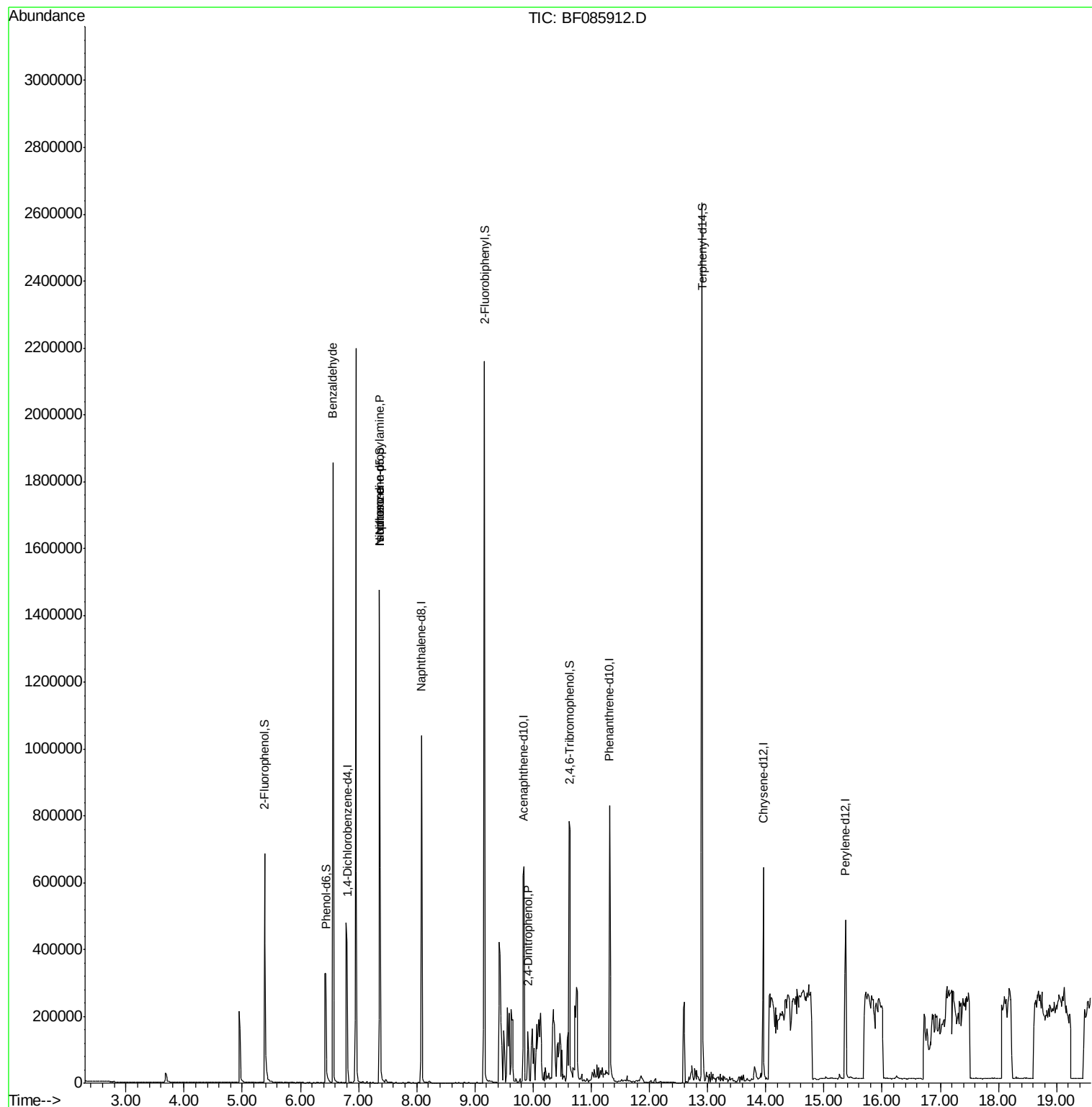
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	109186	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	452387	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	186006	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	302881	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	225920	20.00	ng	-0.01
86) Perylene-d12	15.37	264	227708	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	276869	42.23	ng	-0.01
7) Phenol-d6	6.44	99	210206	25.22	ng	-0.01
23) Nitrobenzene-d5	7.36	82	588973	73.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	128187	72.53	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1087007	97.64	ng	0.00
78) Terphenyl-d14	12.91	244	773577	70.42	ng	0.00
Target Compounds						
9) Benzaldehyde	6.56	77	10922	2.17	ng	# 79
19) n-Nitroso-di-n-propylamine	7.36	70	77001	15.43	ng	# 78
25) Isophorone	7.36	82	538477	34.80	ng	# 68
53) 2,4-Dinitrophenol	9.91	184	857	6.55	ng	# 18

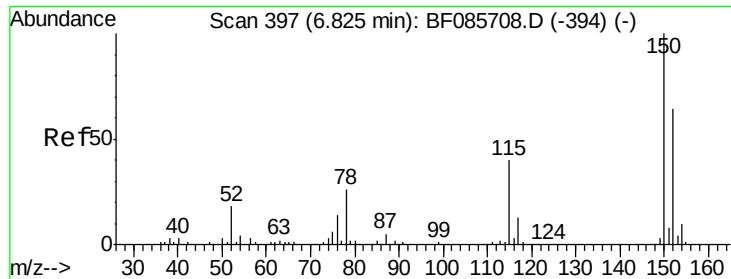
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF085912.D

Acq: 31 Mar 2016 5:21

Instrument :

BNA_F

ClientSampleId :

032416-P2EB-F-D-B

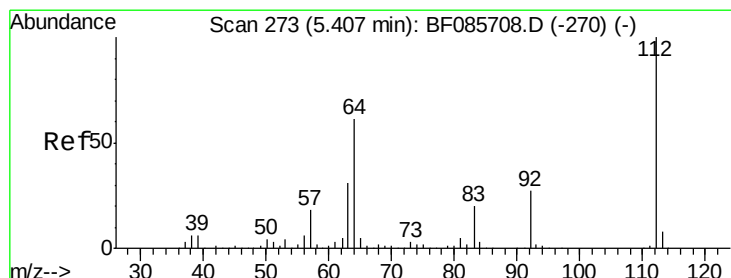
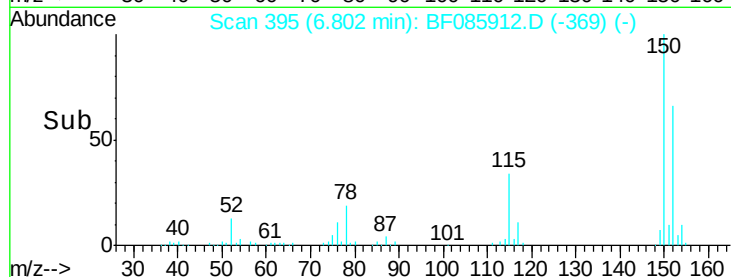
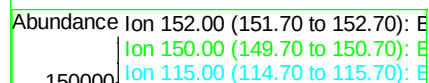
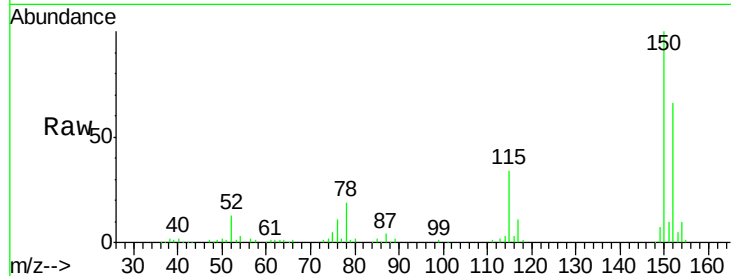
Tgt Ion:152 Resp: 109186

Ion Ratio Lower Upper

152 100

150 151.7 124.2 186.2

115 51.3 47.0 70.6



#5

2-Fluorophenol

Concen: 42.23 ng

RT: 5.38 min Scan# 271

Delta R.T. -0.01 min

Lab File: BF085912.D

Acq: 31 Mar 2016 5:21

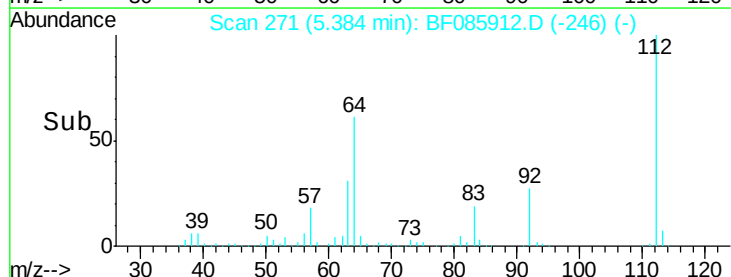
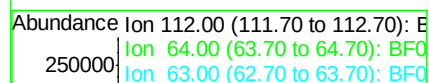
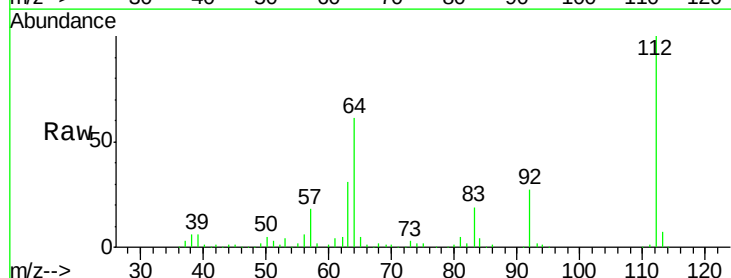
Tgt Ion:112 Resp: 276869

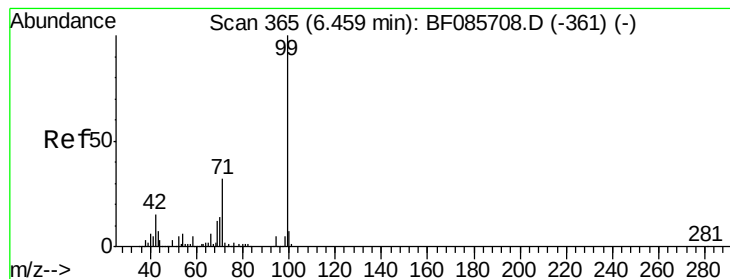
Ion Ratio Lower Upper

112 100

64 61.1 39.9 59.9#

63 31.3 20.2 30.2#





#7

Phenol-d6

Concen: 25.22 ng

RT: 6.44 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF085912.D

Acq: 31 Mar 2016 5:21

Instrument :

BNA_F

ClientSampleId :

032416-P2EB-F-D-B

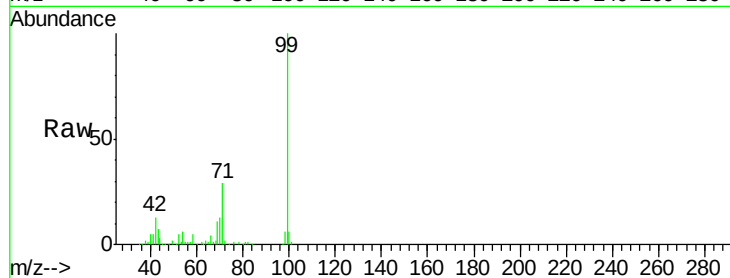
Tgt Ion: 99 Resp: 210206

Ion Ratio Lower Upper

99 100

42 13.1 11.1 16.7

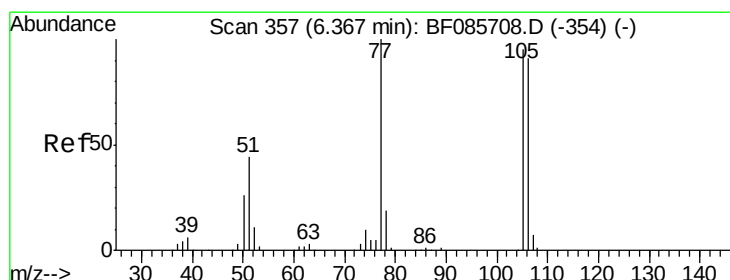
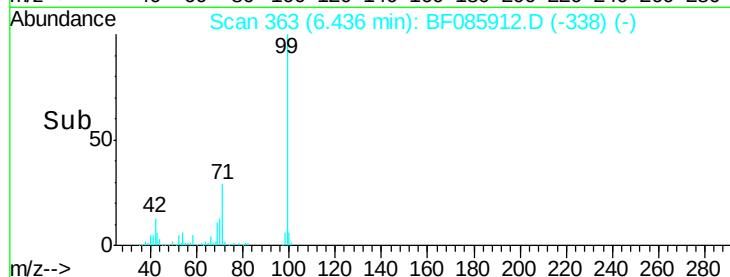
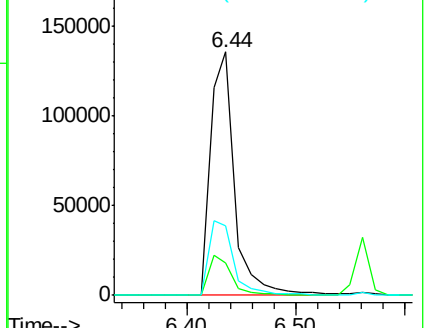
71 28.7 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 2.17 ng

RT: 6.56 min Scan# 374

Delta R.T. 0.22 min

Lab File: BF085912.D

Acq: 31 Mar 2016 5:21

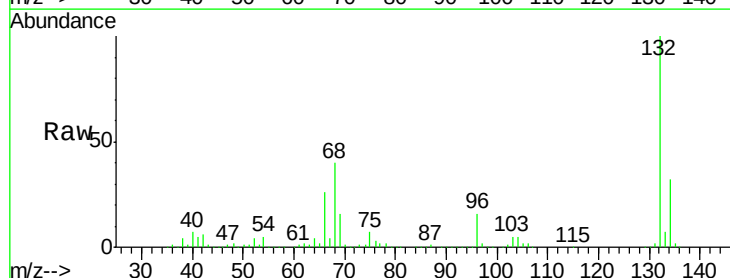
Tgt Ion: 77 Resp: 10922

Ion Ratio Lower Upper

77 100

105 78.9 80.1 120.1#

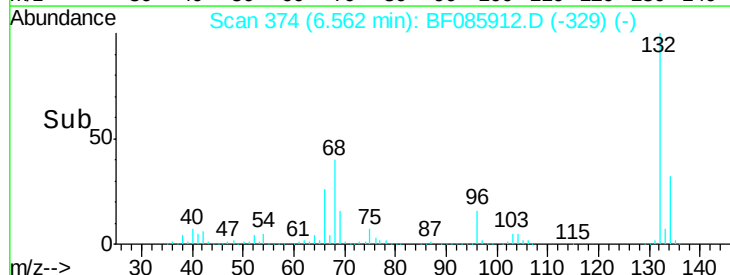
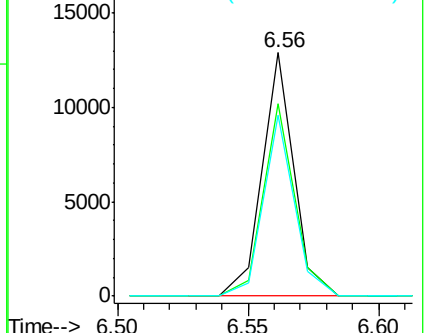
106 74.1 75.0 115.0#

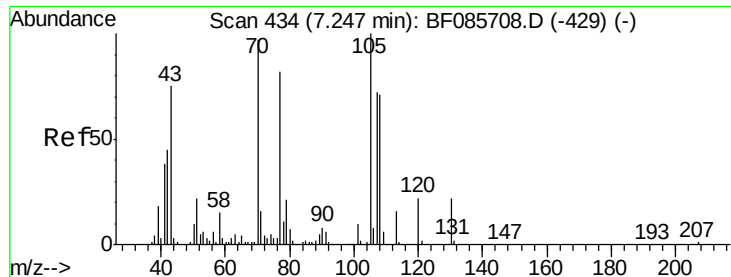


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

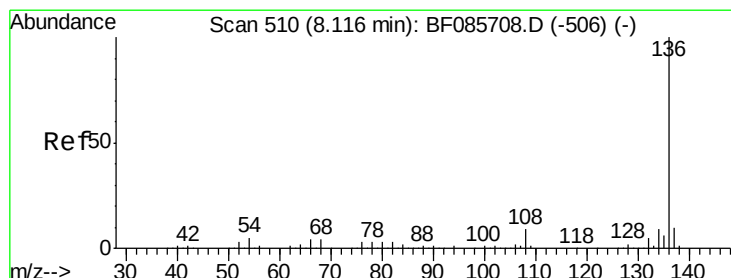
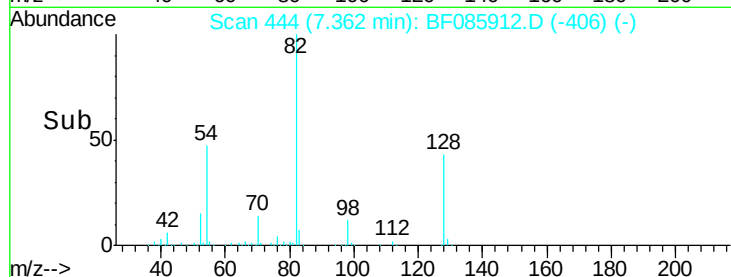
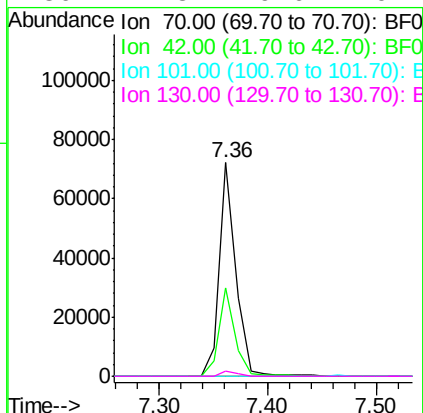
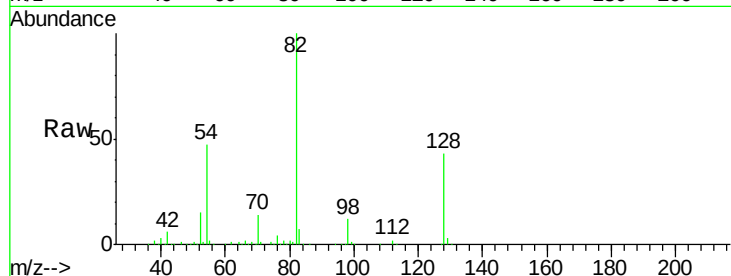




#19
n-Nitroso-di-n-propylamine
Concen: 15.43 ng
RT: 7.36 min Scan# 444
Delta R.T. 0.14 min
Lab File: BF085912.D
Acq: 31 Mar 2016 5:21

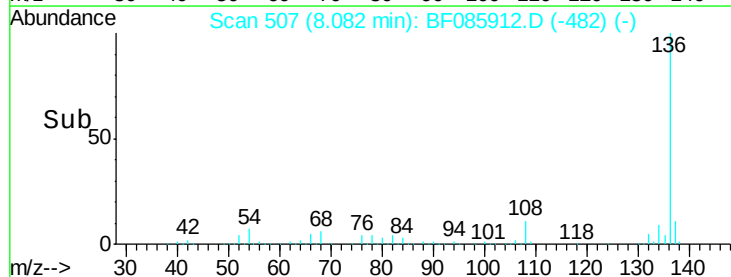
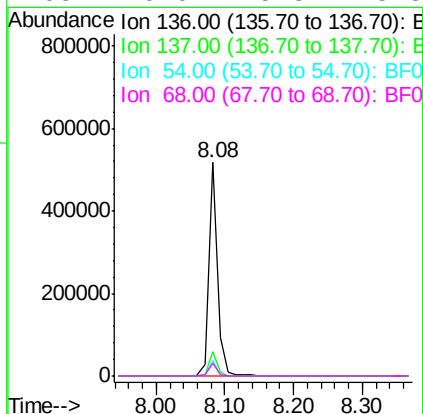
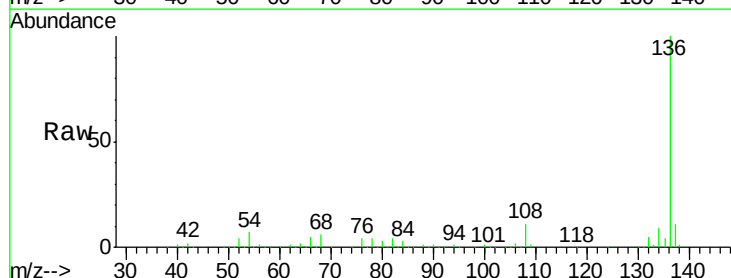
Instrument :
BNA_F
ClientSampleId :
032416-P2EB-F-D-B

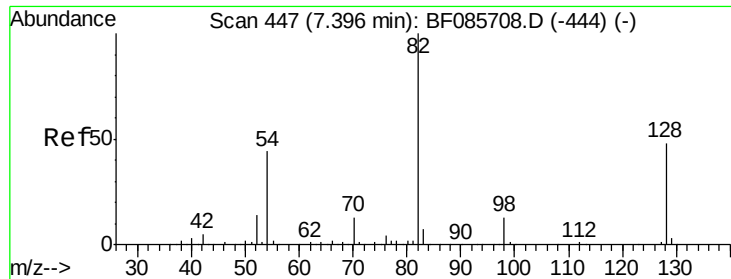
Tgt Ion: 70 Resp: 77001
Ion Ratio Lower Upper
70 100
42 41.1 37.1 55.7
101 0.0 8.6 12.8#
130 2.3 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF085912.D
Acq: 31 Mar 2016 5:21

Tgt Ion: 136 Resp: 452387
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.2 7.4 11.0#
68 6.0 5.8 8.8

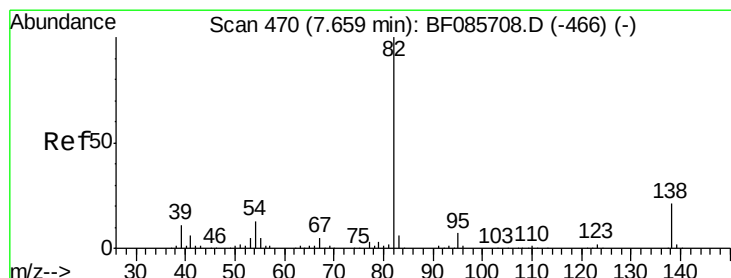
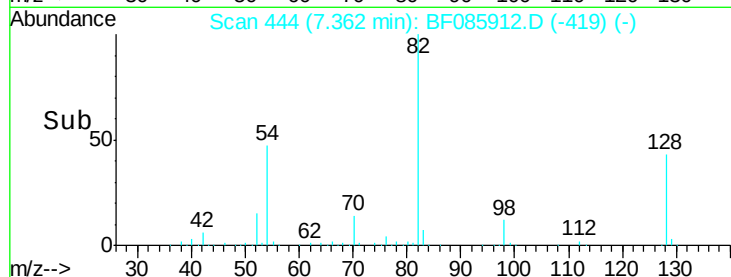
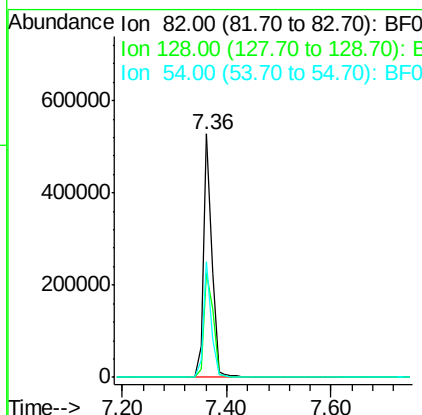
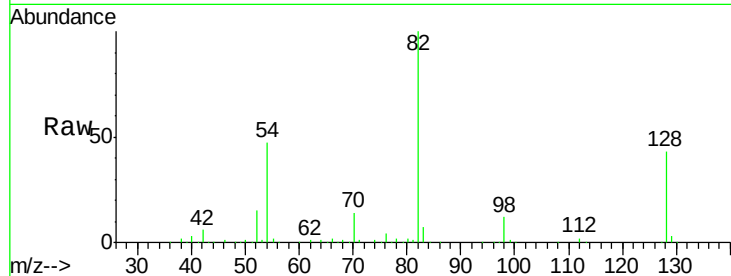




#23
 Nitrobenzene-d5
 Concen: 73.32 ng
 RT: 7.36 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BF085912.D
 Acq: 31 Mar 2016 5:21

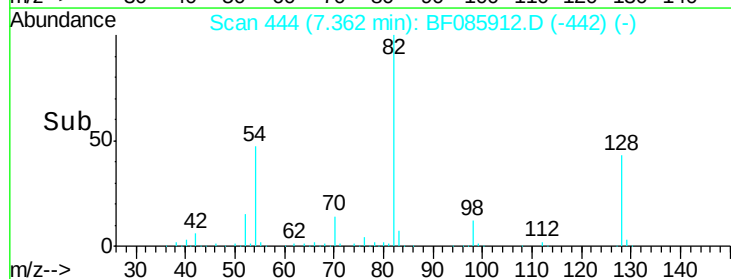
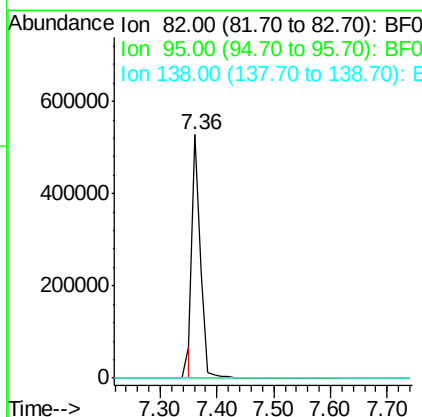
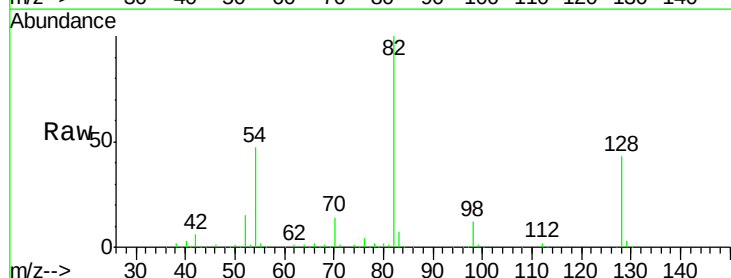
Instrument :
 BNA_F
 ClientSampleId :
 032416-P2EB-F-D-B

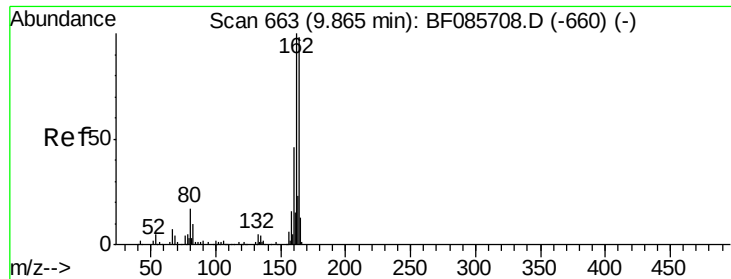
Tgt Ion: 82 Resp: 588973
 Ion Ratio Lower Upper
 82 100
 128 42.7 41.8 62.8
 54 47.3 33.4 50.0



#25
 Isophorone
 Concen: 34.80 ng
 RT: 7.36 min Scan# 444
 Delta R.T. -0.27 min
 Lab File: BF085912.D
 Acq: 31 Mar 2016 5:21

Tgt Ion: 82 Resp: 538477
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 12.9 19.3#

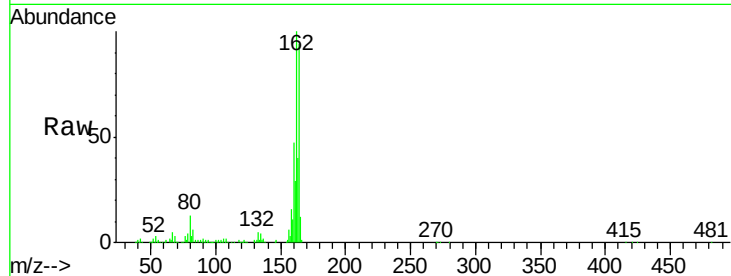




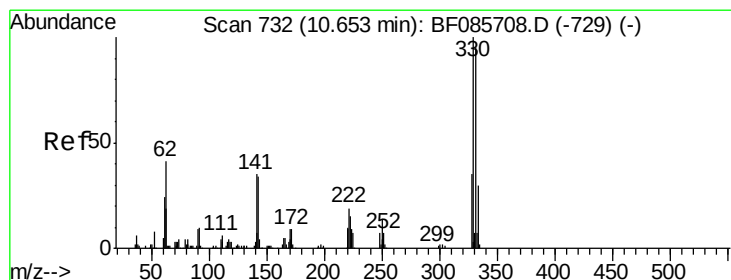
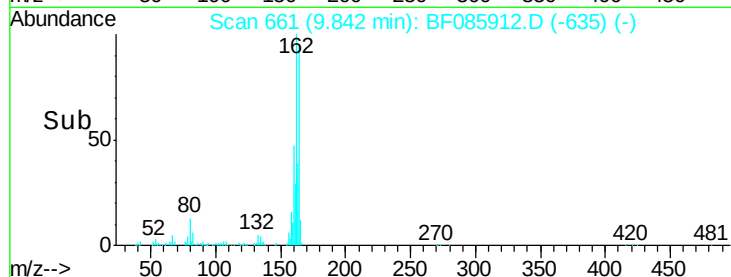
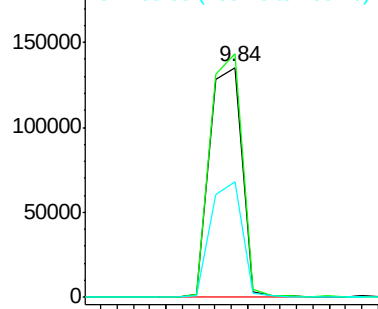
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 661
 Delta R.T. -0.00 min
 Lab File: BF085912.D
 Acq: 31 Mar 2016 5:21

Instrument :
 BNA_F
 ClientSampleId :
 032416-P2EB-F-D-B

Tgt Ion:164 Resp: 186006
 Ion Ratio Lower Upper
 164 100
 162 105.9 82.1 123.1
 160 50.1 37.4 56.2

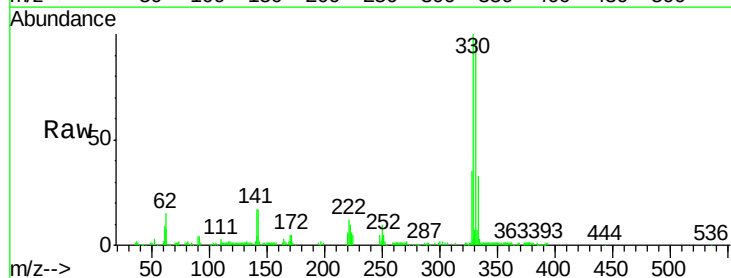


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

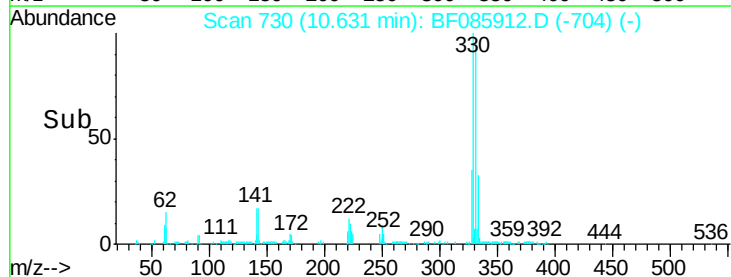
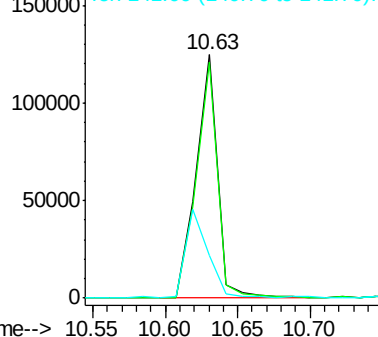


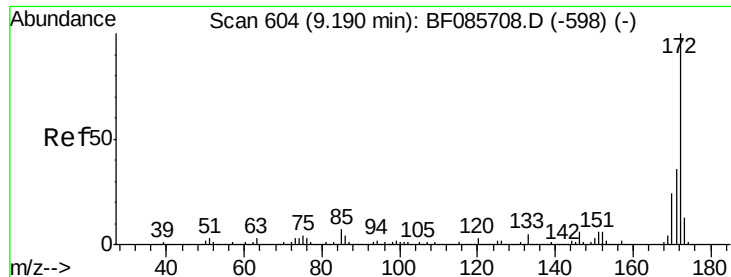
#41
 2,4,6-Tribromophenol
 Concen: 72.53 ng
 RT: 10.63 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF085912.D
 Acq: 31 Mar 2016 5:21

Tgt Ion:330 Resp: 128187
 Ion Ratio Lower Upper
 330 100
 332 96.8 78.2 117.2
 141 39.4 31.5 47.3



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

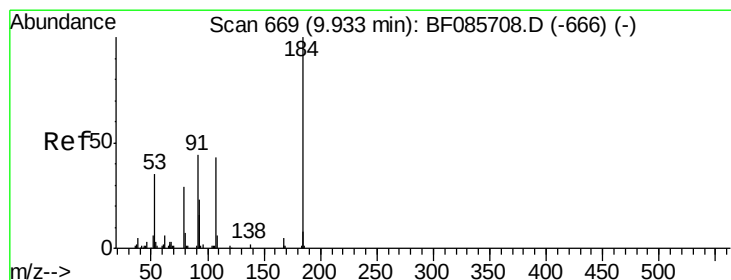
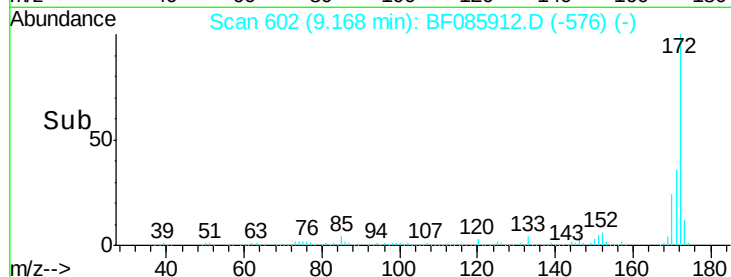
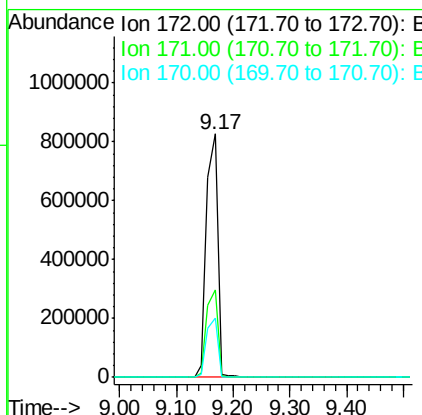
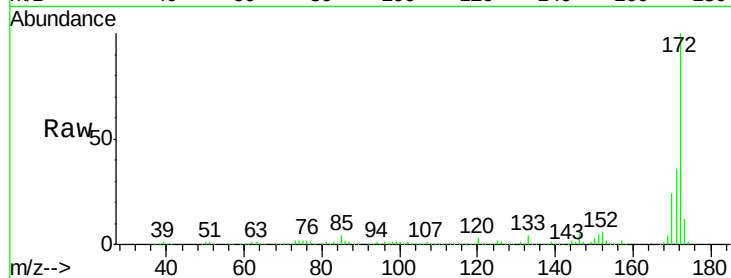




#44
 2-Fluorobiphenyl
 Concen: 97.64 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF085912.D
 Acq: 31 Mar 2016 5:21

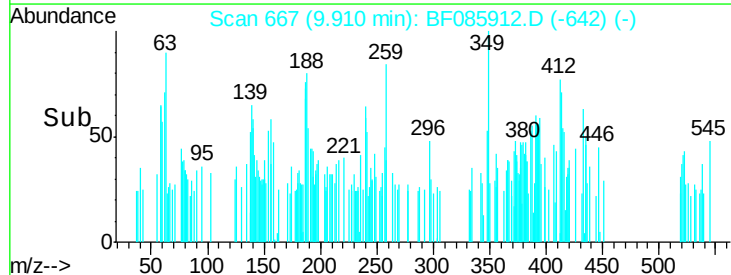
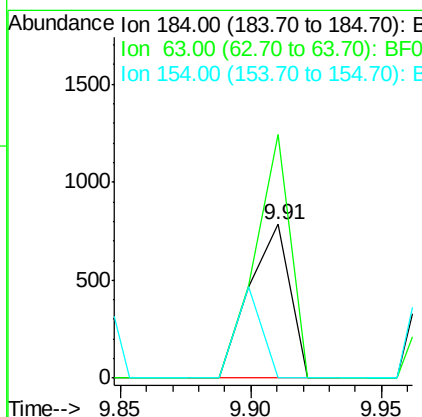
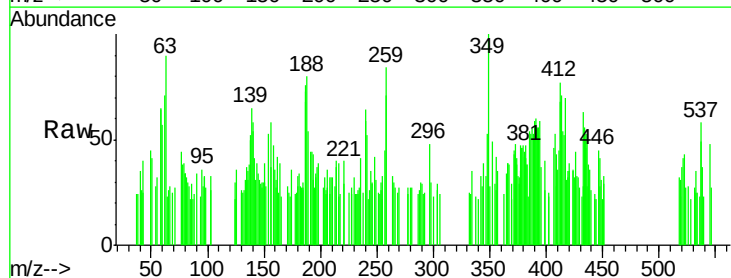
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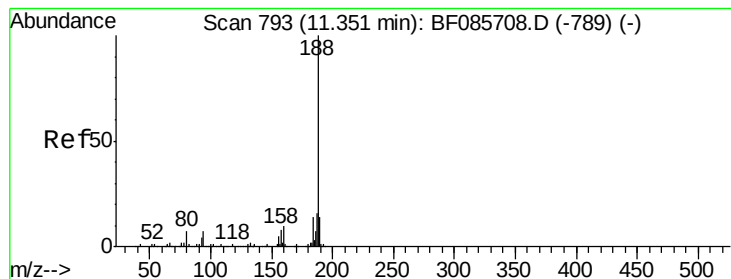
Tgt Ion:172 Resp: 1087007
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.2
 170 24.2 19.8 29.6



#53
 2,4-Dinitrophenol
 Concen: 6.55 ng
 RT: 9.91 min Scan# 667
 Delta R.T. -0.01 min
 Lab File: BF085912.D
 Acq: 31 Mar 2016 5:21

Tgt Ion:184 Resp: 857
 Ion Ratio Lower Upper
 184 100
 63 158.3 69.5 104.3#
 154 0.0 58.3 87.5#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF085912.D

Acq: 31 Mar 2016 5:21

Instrument :

BNA_F

ClientSampleId :

032416-P2EB-F-D-B

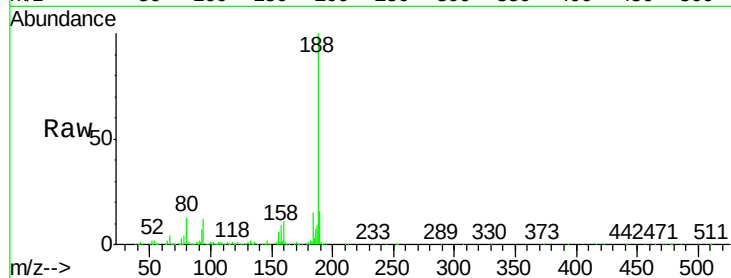
Tgt Ion:188 Resp: 302881

Ion Ratio Lower Upper

188 100

94 12.0 5.4 8.0#

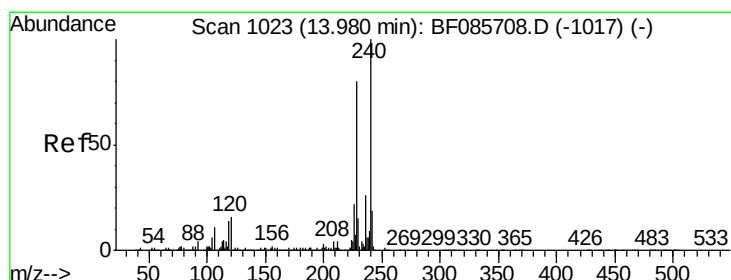
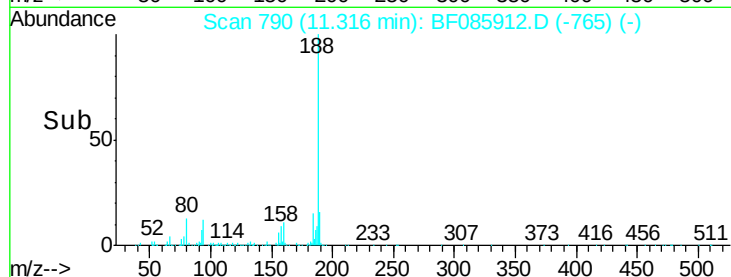
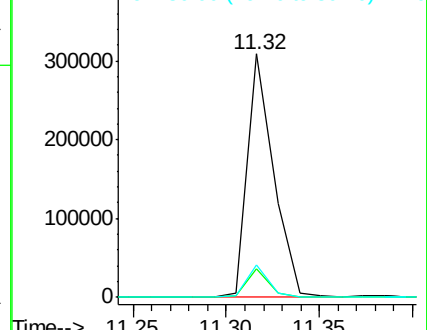
80 13.1 5.5 8.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF085912.D

Acq: 31 Mar 2016 5:21

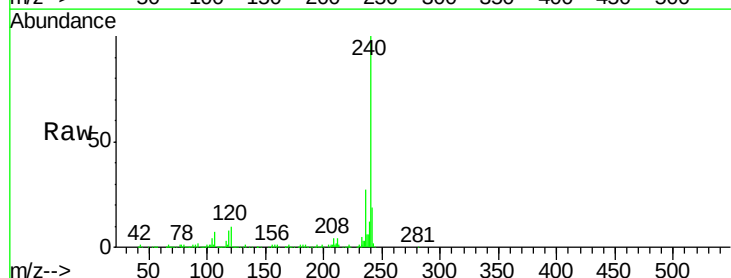
Tgt Ion:240 Resp: 225920

Ion Ratio Lower Upper

240 100

120 10.1 13.8 20.8#

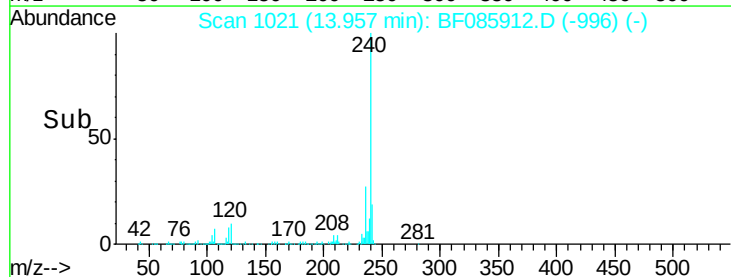
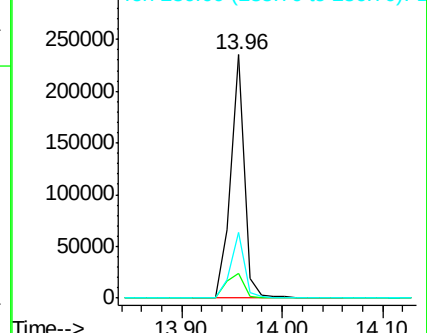
236 27.1 20.6 30.8

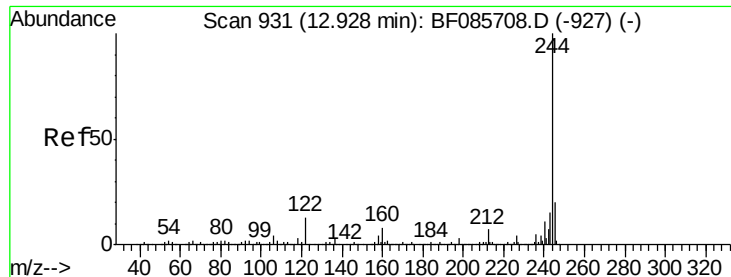


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

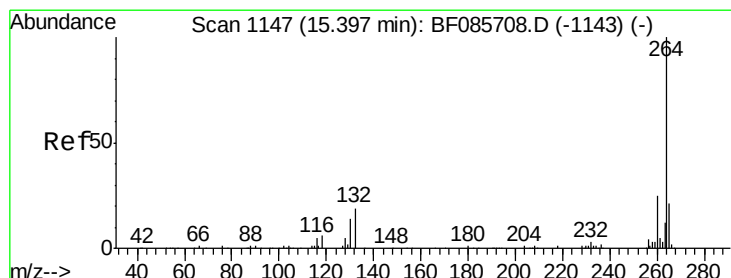
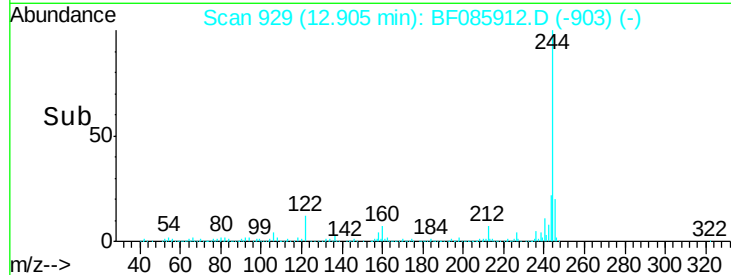
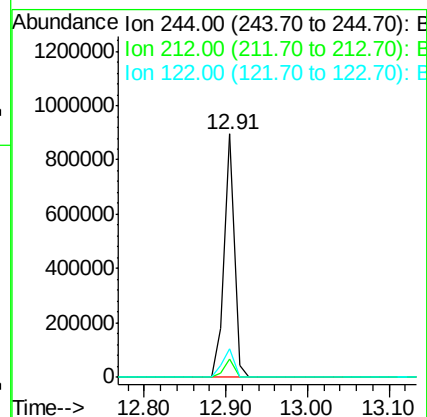
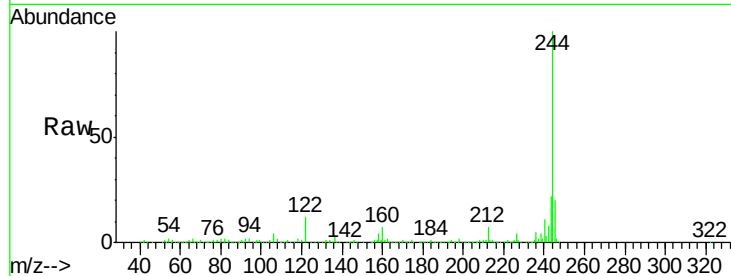




#78
 Terphenyl-d14
 Concen: 70.42 ng
 RT: 12.91 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: BF085912.D
 Acq: 31 Mar 2016 5:21

Instrument :
 BNA_F
 ClientSampleId :
 032416-P2EB-F-D-B

Tgt Ion:244 Resp: 773577
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 11.7 10.2 15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1145
 Delta R.T. -0.00 min
 Lab File: BF085912.D
 Acq: 31 Mar 2016 5:21

Tgt Ion:264 Resp: 227708
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 20.8 17.2 25.8

